

## **Abstract**

### **Title:**

Case study of the physiotherapy treatment of a patient after stroke with left hemiparesis.

### **Aims:**

The aim of this thesis was to gain theoretical knowledge about stroke and the development of case study of a patient after ischemic stroke with left hemiparesis.

### **Summary:**

This bachelor thesis deals with the stroke. The thesis consists of two parts. In the general section is described the definition of stroke, anatomy of the blood supply of the brain and classification of the stroke. The following chapters solve directly the ischemic stroke, its pathophysiology, clinical manifestations, epidemiology and treatment. The conclusion of this part is devoted to comprehensive rehabilitative care for patients after stroke, including a description of appropriate physiotherapy techniques.

The special part is about a case study of the physiotherapy care of the patient after stroke with left hemiparesis. This part contains a complete kinesiology analysis, course of treatment and final evaluation. Data for processing the special part were obtained in the term 5. – 30. 1. 2015 during the clinical practise in Oblastní nemocnici Kladno, a.s.

### **Keywords:**

Stroke, ischemic stroke, left hemiparesis, physiotherapy procedures and methods.